

In patients having shoulder replacement surgeries, is there any difference in giving tranexamic acid orally or intravenously for minimising bleeding during surgery?

ACTRN12617000918325

Status	RECRUITING
Phase	Phase 4
Sponsor	Whangarei Hospital
Enrollment	80 participants

Plain Language Summary

This study is comparing two ways of giving a blood-clot-prevention medicine called tranexamic acid (TXA) before shoulder replacement surgery — one given as a pill by mouth and one given through a vein (intravenously). TXA helps reduce blood loss during surgery. This approach has been shown to work well for hip replacement surgery, but no one has compared pill versus IV forms specifically for shoulder replacement surgery.

You may be eligible if:

- You are 18 years old or older
- You are scheduled for a planned (elective) shoulder replacement for osteoarthritis

You may NOT be eligible if:

- You are under 18 years old
- You are having revision (repeat) shoulder surgery
- You have a history of joint infection
- You have a bleeding disorder or metabolic condition
- You have kidney failure or have had a kidney transplant
- You had a heart attack or stroke within the past year
- You had an arterial stent placed within the past year
- Your blood count (haemoglobin) is below 115 g/L before surgery
- You have had deep vein thrombosis (DVT) or pulmonary embolism (PE)
- You refuse blood transfusion
- You are allergic to TXA

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (1)

- Patients undergoing elective shoulder replacements for osteoarthritis

Exclusion (12)

- Patients <18 years of age
- Revision surgery
- History of joint infection
- History of bleeding or metabolic disorder
- History of renal failure

... and 7 more (see full listing online)

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12617000918325>

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Locations (1 total)

New Zealand